Ontario

Ministry of Northern Development and Mines

Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

GEOLOGICAL DATA INVENTORY FOLIO

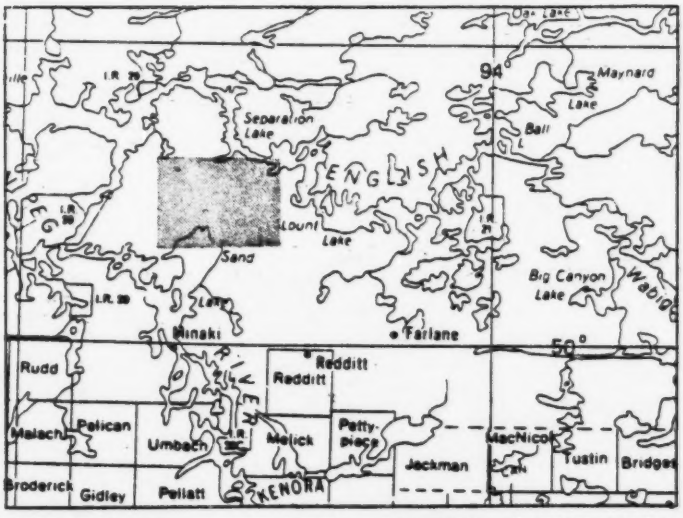
GDIF 488

SNOOK LAKE AREA

(52 L/2 NE)

DISTRICT OF KENORA

Compiled by the Staff of
the Resident Geologist's Office
Kenora



LOCATION MAP Scale: 1:1 013 760 or 1 inch to 16 miles

CANADA ONTARIO Mineral Development Exploitation Minérale

This project is part of the five year Canada–Ontario 1985 Mineral Development Agreement (COMDA), a subsidiary agreement to the Economic and Regional Development Agreement (ERDA) signed by the governments of Canada and Ontario.

89-05970/

NTS Number 52 L/2 NE

Mining Claim Map Number G 2644 (M 2642)

This project was funded under the Canada Ontario Mineral Development Agreement (COMDA).

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey

1989: Snook Lake Area, District of Kenora; Ontario Geological Survey, Geological Data Inventory Folio 488; compiled by the staff of the Resident Geologist's Office, Kenora, 17 pages and 2 maps.

Original Compilation by: Adrian Schottroff

Date	Page Revised	Revised by

Date	Page Revised	Revised by

This project is part of the 5 year Canada/Ontario 1985 Mineral Development Agreement (COMDA), a subsidiary agreement to the Economic & Regional Development Agreement (ERDA) signed by the governments of Canada and Ontario.

Snook Lake Area

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ACCOMPANYING MAPS

Property Location Map 1 map
Exploration Data Map 1 map
Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	YES	AS JUNE 88
2	Assessment Files Research Office, Toronto		
3	ODM General Index; 9 volumes	YES	AS JUNE 88
4	Catalogue of Airborne Geophysical Surveys (ODM)	YES	AS JUNE 88
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	YES	AS JUNE 88
6	ODM Industrial Mineral Reports	NO	AS JUNE 88
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	NO	AS JUNE 88
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	NO	AS JUNE 88
9	Newspaper Clippings File	NO	AS JUNE 88
10	GSC Index to Publications	YES	AS JUNE 88
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	YES	AS JUNE 88
12	OGS Index Maps	YES	AS JUNE 88
13	Source Mineral Deposit Records (O.G.S.) and MDIR'S	YES	AS JUNE 88
14	Author - Subject Articles File		
15	Miscellaneous Papers: ODM & OGS	YES	AS JUNE 88
16	ODM Geological Circulars: OGS Study Series	NO	AS JUNE 88
17	ODM Preliminary Reports: ODM Bulletins	YES	AS JUNE 88
18	ODM – OGS Open File Reports	NO	AS JUNE 88
19	OGS Northern Ontario Engineering Geology Terrain Studies	YES	AS JUNE 88
20	OGS Aggregate Resources Inventory Papers	NO	AS JUNE 88
21	OGS Mineral Potential Maps	YES	AS JUNE 88
22	Theses on File, Kenora	NO	AS JUNE 88
23	Aerial Photos on File, Kenora	NO	AS JUNE 88
24	OBM Maps on File, Kenora	NO	AS JUNE 88

METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . .Anhydrite
- △ ank. . . . . .Ankerite
- △ anna . . . . . Annabergite
- △ ap. . . . . .Apatite
- △ arg . . . . . Argentite
- △ As . . . . . .Arsenic
- △ asp . . . . . .Arsenopyrite
- △ asb . . . . . .Asbestos
- △ ba. . . . . .Barite
- △ be. . . . . .Beryl
- △ Bi. . . . . .Bismuth
- △ bn . . . . . .Bornite
- △ bran . . . . . .Brannerite
- △ bruc . . . . . .Brucite
- △ Cd . . . . . Cadmium
- △ calc. . . . . Calcite
- △ carb . . . . . .Carbonate
- △ cel . . . . . .Celestite
- △ cc. . . . . .Chalcocite
- ▲ cp. . . . . .Chalcopyrite
- △ ch. . . . . .Chert
- △ clay . . . . . .Clay
- △ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . .Columbite
- △ Cu . . . . . .Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- △ fel . . . . . .Feldspar
- △ fl . . . . . .Fluorite (flurospar)
- △ fu. . . . . .Fuchsite
- △ gn. . . . . .Galena
- ▲ gt. . . . . .Garnet
- △ goe . . . . . .Goethite
- △ Au . . . . . Gold
- △ gf. . . . . .Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . .Gypsum
- △ hem . . . . . Hematite
- △ il . . . . . .Ilmenite
- △ Fe . . . . . .Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . .Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- △ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . .Magnesite
- △ mag . . . . . .Magnetite
- △ mc . . . . . .Malachite
- △ Mn . . . . . Manganese
- △ mb . . . . . .Marble
- △ mar. . . . . Marcasite
- △ ma . . . . . .Marl
- △ mi . . . . . Mica
- △ ml . . . . . .Millerite
- △ mo . . . . . Molybdenite
- △ Mo . . . . . .Molybdenum
- △ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . .Niccolite
- △ Ni. . . . . Nickel
- △ Nb . . . . . .Niobium
- △ Pd . . . . . .Palladium
- △ peat . . . . . .Peat
- △ pent . . . . . .Pentlandite
- △ Pt. . . . . .Platinum
- ▲ py . . . . . .Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . .Pyrolusite
- ▲ po . . . . . .Pyrrhotite
- △ q . . . . . Quartz
- △ qcv . . . . .Quartz carbonate vein
- △ ra. . . . . .Radioactive minerals
- △ RE . . . . . .Rare Earths
- △ sd. . . . . Sand
- △ sgl . . . . . Sand and gravel
- △ ss . . . . . .Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . .Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . .Shale
- △ sid . . . . . Siderite
- △ si . . . . . .Silica
- △ Ag . . . . . .Silver
- △ sl . . . . . Slate
- △ sm . . . . . .Smaltite
- △ sod . . . . . Sodalite
- △ spec . . . . . .Specularite
- ▲ sp. . . . . .Sphalerite
- △ spd . . . . . .Spodumene
- △ staur . . . . . .Staurolite
- △ stib. . . . . Stibnite
- △ st . . . . . .Stone
- △ talc. . . . . .Talc
- △ Te . . . . . .Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . .Thorite
- ▲ Th . . . . . .Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . .Tourmaline
- △ trap . . . . . .Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- ▲ U . . . . . .Uranium
- △ verm . . . . . .Vermiculite
- △ Y . . . . . Yttrium
- △ Zn . . . . . .Zinc
- △ zr . . . . . Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps or mentioned within either Drillhole Summary or mineral Occurrences

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Snook Lake Uranium Occurrence (Hale-Harrison Occurrence)	U,Th	K 0511	OGS, 1983, MDC 25, p.79	OGS, 1977, MP 78, p.7,8 OGS, 1981, Map P2394 OGS, 1975, Map P1028 Kenora Assessment Files 52 L/2 NE; B-1,B-2,C-1
B	Sherritt Gordon Zinc-Copper Occurrence	po,py,gt, sp,cp			Kenora Assessment Files 52 L/2 NE; A-1
C	Unnamed Uranium Occurrence	U			OGS, 1978, Map P1539 (only reference)
D	Unnamed Uranium Occurrence	U			OGS, 1978, Map P1539 (only reference)
E	Urangesellschaft Uranium Occurrence	U,Th			OCS, 1978, Map P1971 Kenora Assessment Files 52 L/2 NE; E-1

GDIF FORM NO. 1

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																	
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
1	Hale, S. 52 L/2 NE; C-1			77																
2	Harrison, J. 52 L/2 NE; B-1			77	76															
2	Harrison, J. 52 L/2 NE; B-2					77		77						77						
3	Noranda Exploration Co. Ltd. 52 L/2 NE; F-5								83											
4	Sherritt Gordon Mines Ltd. 52 L/2 NE; A-1				74															
5	Sherritt Gordon Mines Ltd. 52 L/2 NE; A-1				74															
6	Sherritt Gordon Mines Ltd. 52 L/2 NE; A-2				74															
7	Urangesellschaft Canada Ltd. 52 L/2 NE; E-1					77					77									

GDIF FORM NO. 2

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden (feet)	Total Length of Hole (feet)	Mineralization Noted in Log	Assay Data Included for
1	Harrison (Vancouver Group)	76-1	76	N	-45°	?	72		
2	Sherritt Gordon Mines Ltd.	1	Aug 74	127° mag	-45°	14.0	146	py,po,gt,sp,cp	Ni,Cu,Zn,Fe
2	" "	1-A	Aug-Sept /74	127° mag	-45°	8.0	135	py,po	Ni,Cu,Zn,Fe
3	" "	2	Sept 74	127° mag	-45°	0.5	135	py,po	
4	" "	3	Sept 74	325° mag	-35°	2.0	165	py,po	
5	" "	4	Sept 74	325° mag	-35°	0	145	py,po	
6	" "	5	Sept/Oct /74	325° mag	-45°	11.0	85	py,po	
7	" "	6	Oct 74	347° mag	-40°	4.0	156	py,po	
7	" "	6-A	Oct 74	347° mag	-40°	4.6	25		

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
3	By: Questor Surveys Limited For: Noranda Exploration Co. Ltd. (see Kenora Assessment Files 52 L/7 SE; F-5)	Total Magnetic Intensity Survey	N/A	NNW/SSE	250 m
7	By: Urangesellschaft Airborne System For: Urangesellschaft Canada Ltd. (see Kenora Assessment Files 52 L/2 NE; E-1)	Airborne Radiometric Survey	N/A	N/A	N/A

GDIF FORM NO. 4

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		
	No Surveys on File as of June 23/88			

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

No age dating on file as of June 23, 1988

GDIF FORM NO.6

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

No newspaper clippings pertaining to the Snook Lake Area on file as of June 23, 1988

ODM GENERAL INDEX SEARCH

Words searched:
Bakado Lake, Fiord Bay-Separation Lake, Goshawk Lake, Hale, S., Harrison, J., Noranda Exploration Company Ltd., Sand Lake, Sherritt Gordon Mines Ltd., Snook Lake, Thorium, Urangesellschaft, Uranium

Index Volume	Listing:	Report Volume	Part	Page
1	Sand Lake, Winnipeg River, Kenora	N.O.		251,283
3	Sherritt Gordon Mines Ltd. Incorporated	37	1	59
9	Snook Lake Occurrence Kenora Area, Kenora District report on property	MP78		7-8
9	Uranium Kenora Area, Kenora and Kenora Patricia District	MP71 MP78	passim	4-9 3-4,7-8

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

GDIF FORM NO. 8

Snook Lake Area

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL COMPILATION MAPS		
Ayres, L.D., Lumbers, S.B., Milne, V.G., Robeson, D.W.	1970	Ontario Geological Map, West Central Sheet	ODM Map 2199	1" to 16 miles
Beakhouse, G.P.	1980	Geology, Winnipeg River-English River Area, Manitoba and Ontario, map and notes	GSC Open File 652	1:125,000
Breaks, F.W., Bond, W.D., McWilliams, G.H., Gower, C.F., Stone, D.	1975	Operation Kenora-Sydney Lake, Umfreville-Separation Lakes Sheet, District of Kenora	ODM Map P.1028	1" to 1 mile (1:63,360)
Davies, J.C., Pryslak, A.P.	1966	Lower English River Sheet, District of Kenora Geological Compilation Series	ODM Map P.366	1" to 2 miles (1:126,720)
Ferguson, S.A., Brown, D.D. Davies, J.C., Pryslak, A.P.	1968	Red Lake-Birch Lake Sheet, Geological Compilation Series	ODM Map 2175	1" to 4 miles (1:253,440)
Thurston, P.C., Barlett, J.R.	1981	Lower English River Sheet, Patricia Kenora District, (revision of Map P.366)	OGS Map P.2394	1" to 2 miles (1:126,720)
		GEOPHYSICAL MAPS		
Dept. of M &NR, Manitoba, Dept. of EMR, GSC and ODM	1965	Pointe du Bois Manitoba-Ontario Airborne Magnetic Survey, Aeromagnetic Series (with Geophysics Paper 7124)	Map 7124G	1:250,000
Dept. of MR & E, Manitoba, MNR Ontario and EMR, GSC	1977	Federal-Provincial Uranium Reconnaissance Program Airborne Gamma-Ray Spectrography Pointe du Bois Area	36252G-1-6	1:250,000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOPHYSICAL MAPS		
Geo-Analysis (1981) Ltd.	1981	The Identification of Structural Linears from Landsat Imagery in Northwestern Ontario. Energy, Mines and Resources Canada, Earth Physics Branch, Seismological Service of Canada	OF 82-12, Map 1	1:250,000
Gravity & Geodynamics Division	1981	Gravity Map of Canada, 1980, Lake of the Woods, Earth Physics Branch, Energy, Mines and Resources Canada	Map No.48090	1:1,000,000
G.S.C.	1984	Radioactivity Map, Lake of the Woods -Contour Maps: Ur(TC),eU,eTh,%K,eU/eTh,eU/K,eTh/K	OF 1067, Map 36252G	1:1,000,000
ODM & GSC	1961	Aeromagnetic Series, Whitedog Lake, Kenora District, Ontario	Map 1188G	1" to 1 mile (1:63,360)
ODM & GSC	1965	1961 Aeromagnetic Survey Composite Map	P.279	1" to 16 miles (1:1,013,760)
OGS-GSC	1977	Uranium Reconnaissance Program Airborne Gamma-Ray Spectrometer Survey -Contour Maps: TC,K,eU,eTh,eU/eTh,eU/K,eTh/K -Flight Line Profiles	P.1320-1354	1:250,000
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Jenkins, G.S., Hoffman, D.W Smith, R.E., Zoltai, S.C.	1975	Canada Land Inventory, Soil Capacity for Agriculture, Pointe du Bois Sheet	No. En 64/2-52L	1:250,000
MNR, Ontario	1970	Ontario Land Inventory, Aggregate, Pointe du Bois Sheet	OLI 52L	1:250,000
Neilson, J.M.		Northern Ontario Engineering Geology Terrain Study, Data Base Map, Umfreville Lake (Not Released)	OGS Map 5106	1:100,000
Zoltai, S.C.	1965	Kenora-Rainy River Surficial Geology	ODL & F Map S165	1" to 8 miles (1:506,880)

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		MINERAL POTENTIAL MAPS		
Robertson, J.A.	1982	Uranium and Thorium Deposits of Ontario, West Central Sheet, Mineral Deposits Series	OGS Map P.2427	1" to 16 miles (1:1,013,760)
Springer, Janet	1978	Ontario Mineral Potential, Pointe du Bois Sheet, District of Kenora, Mineral Deposits Series	OGS Map P.1539	1:250,000
		GEOLOGICAL REPORTS AND MAPS		
Beard, R.C., Rivett, S.	1977	1976 Report of the Northwest Regional Geologist and Kenora Resident Geologist	OGS MP 71	p.4-9passim
Beard, R.C., Rivett, S.	1978	1977 Report of the Northwest Regional Geologist and Kenora Resident Geologist	OGS MP78	p.3-4,7-8
Bell, R.	1873	Report on the Country Between Lake Superior and Lake Winnipeg	GSC Report of Progress, 1872-1873, pt.5	
Breaks, F.W., Bond, W.D., Stone, D.	1978	Preliminary Geological Synthesis of the English River Subprovince, Northwestern Ontario, and Its Bearing Upon Mineral Exploration	OGS MP 72 with Map P.1971	55 pp 1" to 4 miles (1:253,440)
Derry, D.R.	1930	Minaki to Sydney Lake	ODM Vol.39, pt.3 Map 39G	p.24-41 1" to 3 miles (1:190,080)
Robertson, J.A., Gould, K.L.	1983	Uranium and Thorium Deposits of Northern Ontario	OGS MDC 25	p.79

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOLOGICAL MAPS AND REPORTS		
Rogers, W.R., Young, A.C.	1929	Statistical Review of Ontario's Mineral Industry in 1927	ODM Vol.37, pt.1	p.59
Selwyn, A.R.C.	1873	Notes on a Preliminary Geological Reconnaissance from Lake Superior by the English and Winnipeg Rivers to Fort Garry	GSC Report of Progress 1872-1873, pt.2	

NOTES AND ADDENDA

AERIAL PHOTOGRAPHY INDEX

(compiled from index maps only)

Scale 1" to 1/4 mile

	Roll Number	Photo Number
1983	83-4	31-42
	83-4	170-182
	83-5	35-47
	83-6	34-46
	83-6	115-128
	83-27	250-260
	83-28	60-62
	83-56	24
1976	76-3	1-3
	76-3	100-102
	76-6	191,192
	76-29	1,2
	76-29	93,94
	76-29	182,183

Scale 1" to 1 mile

Roll Number	Photo Number
A13788	25-28
A13788	61-64

TOPOGRAPHIC MAPS

1976, Surveys and Mapping Branch
Department of EMR, Ottawa
Whitedog Lake, 52 L/2 — 1:50,000

1984, Surveys and Mapping Branch
MNR, Toronto
Provincial Series, Umfreville Lake
52 L/SE and part of 52 L/SW — 1:100,000*

1978, Surveys and Mapping Branch
Department of EMR, Ottawa
Pointe du Bois — 1:250,000*

*Published maps currently on file in Resident Geologist's Office, Kenora

GDIF FORM NO.10

NOTES AND ADDENDA

MINERAL DEPOSITS FILE

Note: A deposits file is maintained at the Kenora Resident Geologist's Office which contains the published data on the following mineral deposit:

1. Snook Lake Uranium Occurrence

50°15'00"

94°45'00"

Tourist

English

Goshawk L

Goshawk

Tourist

Snook Lake

Alexander L

3

7

7

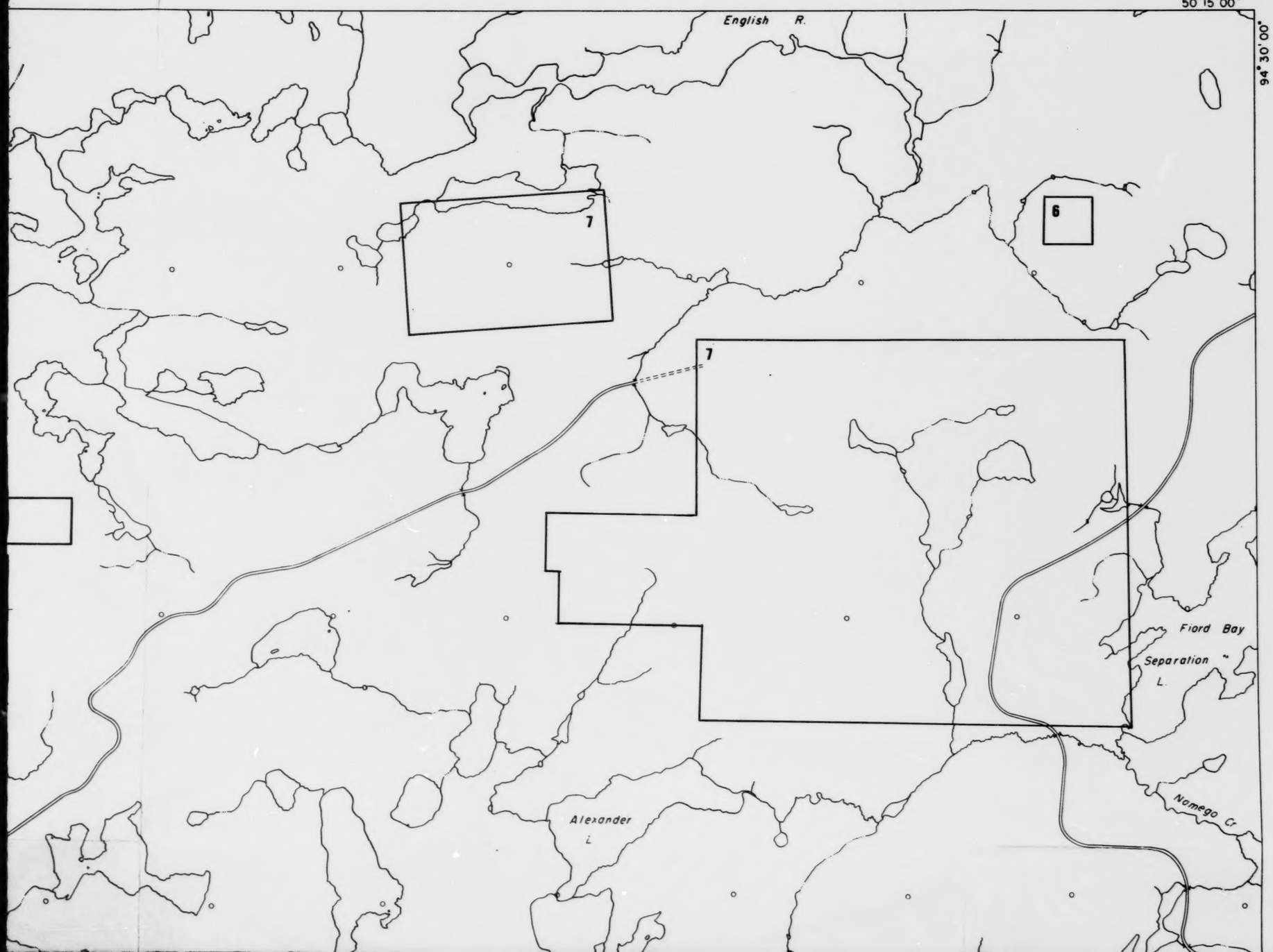
5

1

1

2

4



Ontario

Ministry of Northern Development and Mines

Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 488

(Map 1 of 2)

SNOOK LAKE AREA
(52 L/2 NE)

DISTRICT OF KENORA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

Snook Lake

Alexander L

Sand Lake.

94°45'00"

50°07'30"

Alexander L.

Nomego Cr.

Sum L.

Sand Lake

Bays L.

Bakado L.

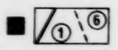
Nomego

3

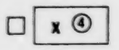
50°07'30"

94°30'00"

EXPLORATION DATA FILE AREAS



Reference number is always inside work area outlined. See listing in text pages.



Small area of exploration

File covers whole township or area

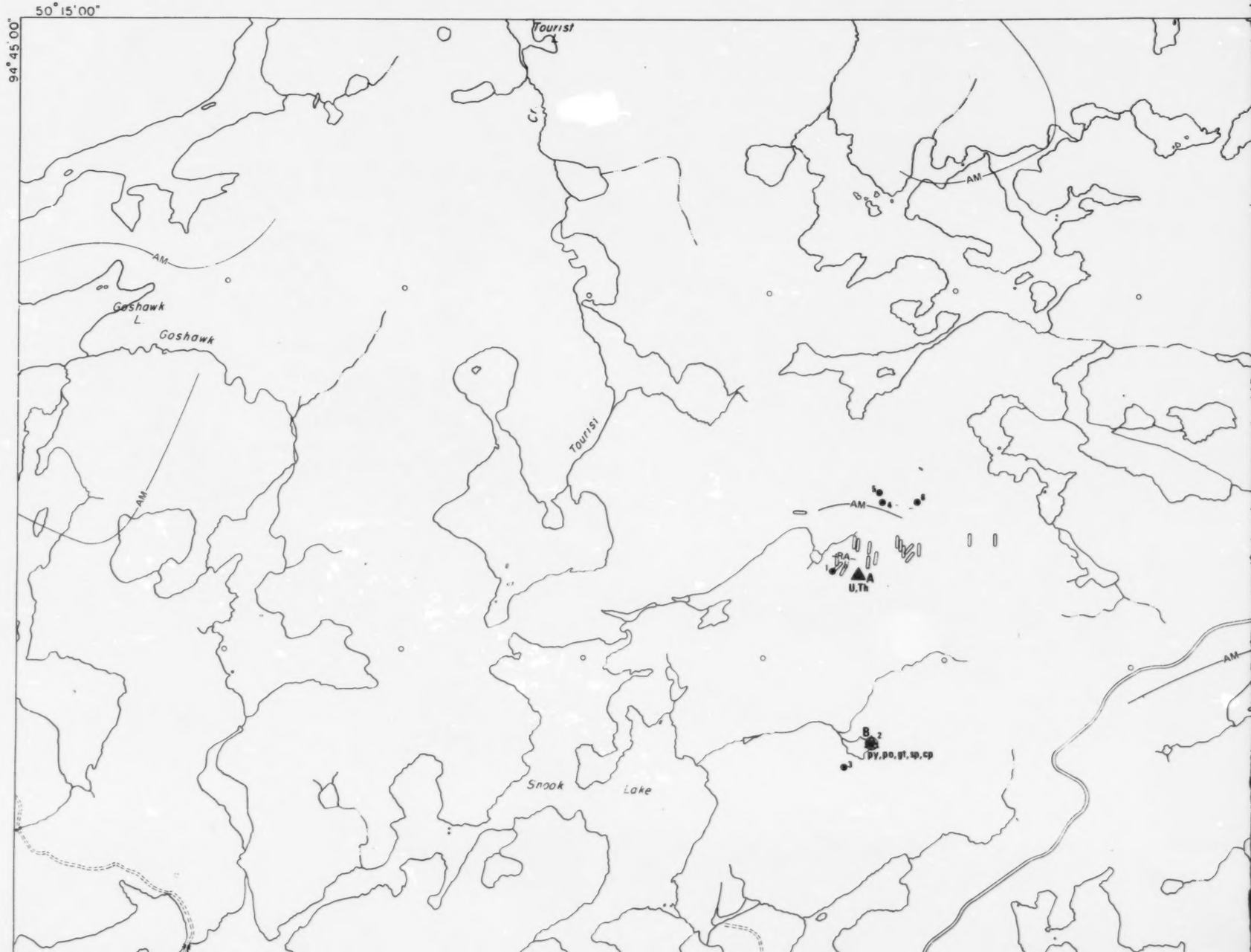
TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- ☐ Geochemical sample site, with reference number
- ☐ Area of geochemical sampling, with reference number
- ☐ Age dating material sampling site, with reference number
- ☐

GEOPHYSICAL ANOMALIES

- ■ AM — Airborne magnetic anomaly
- ☐ Airborne electromagnetic anomaly
  Length of anomaly along flight line
- ☐ Airborne electromagnetic anomaly
  Location of anomaly along flight line
- ☐ Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- ☐ ARA — Airborne radiometric anomaly
- ☐ M — Ground magnetic anomaly
- ☐ VL — Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horizontal loop
  VLF - Very low freq.; Turam; JEM -
  Crone Em - 16)
- ■ RA — Ground radiometric anomaly
- ☐ IP — Induced polarization anomaly
- ☐ SP — Self potential anomaly
- ☐ AFMAG — Audio-frequency magnetic anomaly
  (total intensity)
- ☐ R — Resistivity anomaly
- ☐ GR — Gravity anomaly
- ☐



Ministry of Northern Development and Mines

Ontario

Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 488

(Map 2 of 2)

SNOOK LAKE AREA

(52 L/2 NE)

DISTRICT OF KENORA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter
- py B 2 — Mineral Occurence from group of closely spaced drillholes, with reference letter, hole number.

DRILLHOLES

- •2 — Location of single drillhole, with reference number

- ☐ AFMAG — Audio-frequency magnetic anomaly (total intensity)
- ☐ R — Resistivity anomaly
- ☐ GR — Gravity anomaly
- ☐

MISCELLANEOUS DATA

- ■ Trenching, pit
- ☐ Adit
- ☐ Open pit
- ☐ Rock quarry
- ☐ Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

Mineralized float with reference letter

Mineral Occurence from group of closely spaced drillholes, with reference letter, hole number.

DRILLHOLES

Location of single drillhole, with reference number

Location of closely spaced group of drillholes, with reference number

Drillhole, exact location uncertain, with reference number

Property with underground drillholes in this general area, with reference number

Property with drillholes which have not been plotted on map, with reference number

Reverse circulation drillhole; churn drilling, with reference number

Alexander L.

Namego Cr.

AM

Sum

Sum L.

Bays

L.

Bakado L.

Namego

Sand Lake.

94°30'00"

50°07'30"